$$\int_0^\infty \frac{1}{e^x + e^{-x}} \, dx$$

$$\iint_D \frac{1}{1 + x + y + xy} \, dxdy \quad D = \{(x, y) \mid 1 \leqq x \leqq 4, \ 2 \leqq y \leqq 3\}$$